

FIG. 1

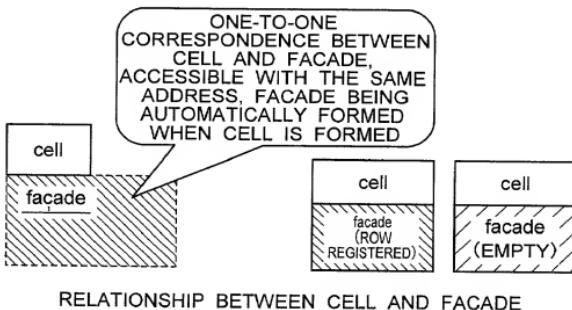


FIG. 2

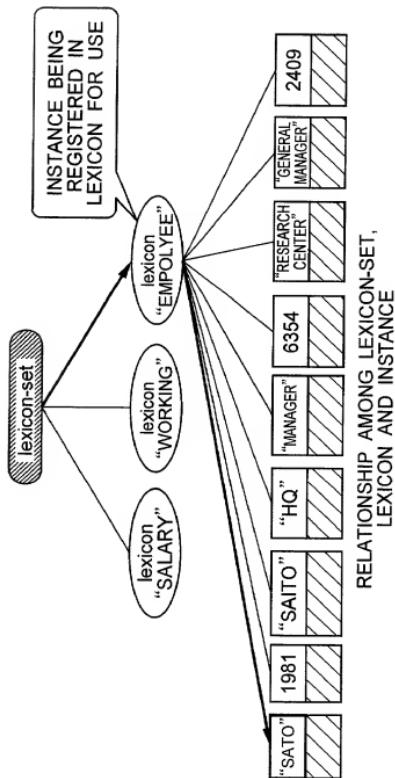


FIG. 3

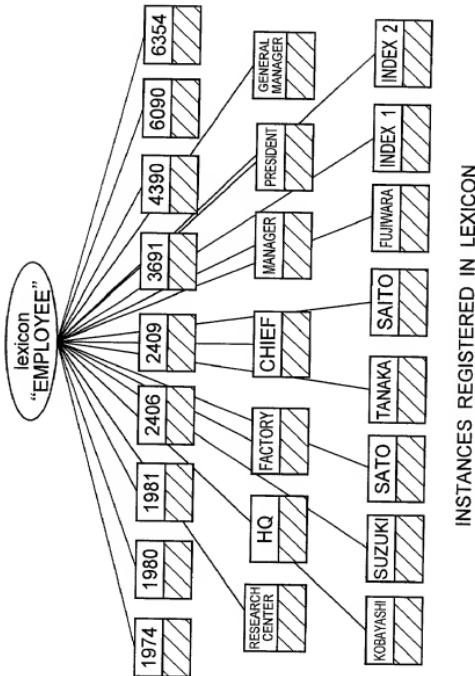


FIG. 4

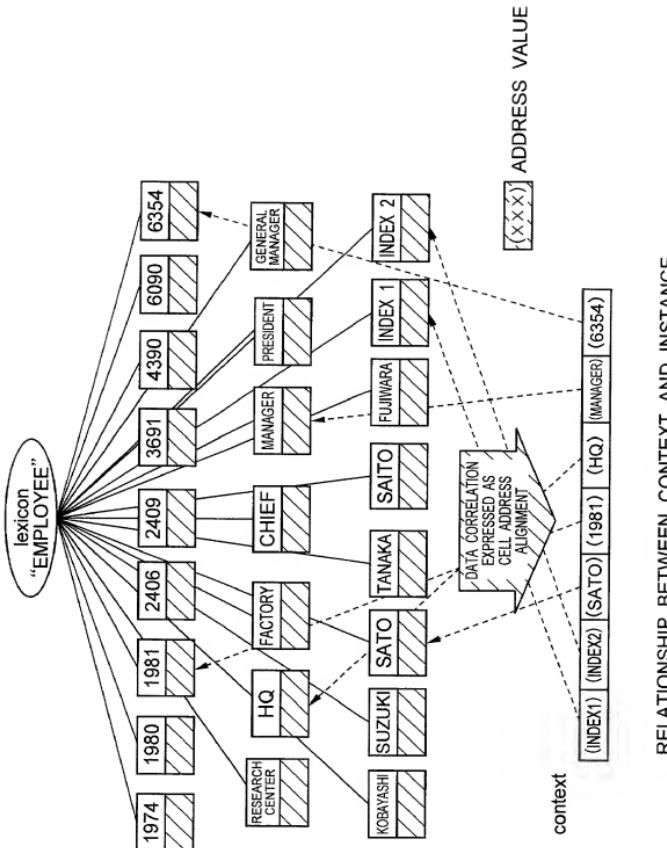


FIG. 5

RELATIONSHIP BETWEEN CONTEXT AND INSTANCE

FAMILY NAME	YEAR OF COMPANY ENTRANCE	CURRENT DEPARTMENT	POST	EXTENSION
SAITO	1981	HQ	MANAGER	6354
FUJIWARA	1981	RESEARCH CENTER	CHIEF	2406
KOBAYASHI	1980	RESEARCH CENTER	GENERAL MANAGER	2409
TANAKA	1974	HQ	PRESIDENT	6090
SUZUKI	1980	FACTORY	MANAGER	4390
SAITO	1981	FACTORY	MANAGER	3691



INDEX1	INDEX2	SATO	(1981)	HQ	(MANAGER)	(6354)
INDEX1	INDEX2	FUJIWARA	(1981)	(RESEARCH CENTER)	(CHIEF)	(2406)
INDEX1	INDEX2	KOBAYASHI	(1980)	(RESEARCH CENTER)	(GENERAL MANAGER)	(2409)
INDEX1	INDEX2	TANAKA	(1974)	HQ	(PRESIDENT)	(6090)
INDEX1	INDEX2	SUZUKI	(1980)	(FACTORY)	(MANAGER)	(4390)
INDEX1	INDEX2	SAITO	(1981)	(FACTORY)	(MANAGER)	(3691)

ORIGINAL DATA

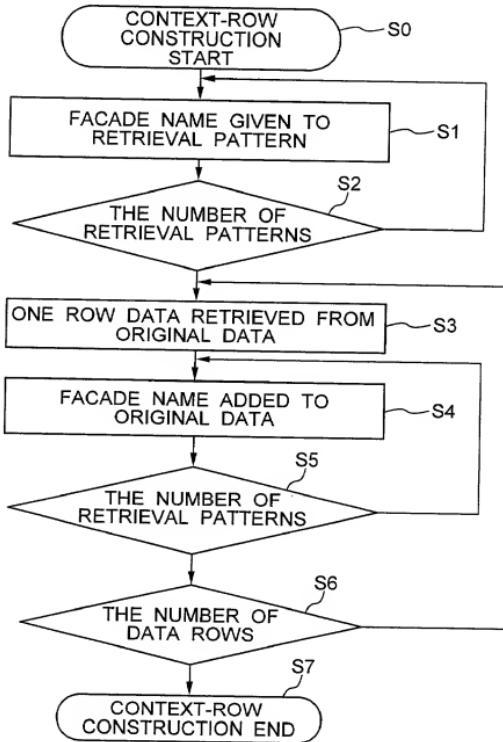
(a)

CONTEXTS

(b)

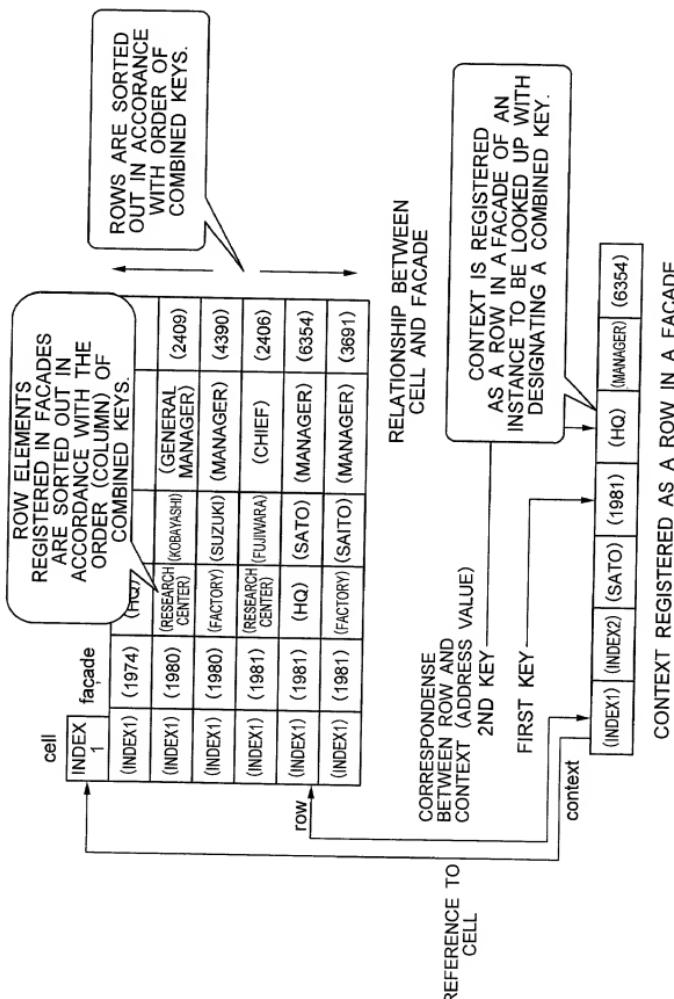
CONTEXT STRUCTURED BASED ON ORIGINAL DATA

FIG. 6



CONSTRUCTION OF CONTEXT BASED ON
ORIGINAL DATA : FLOWCHART

FIG. 7



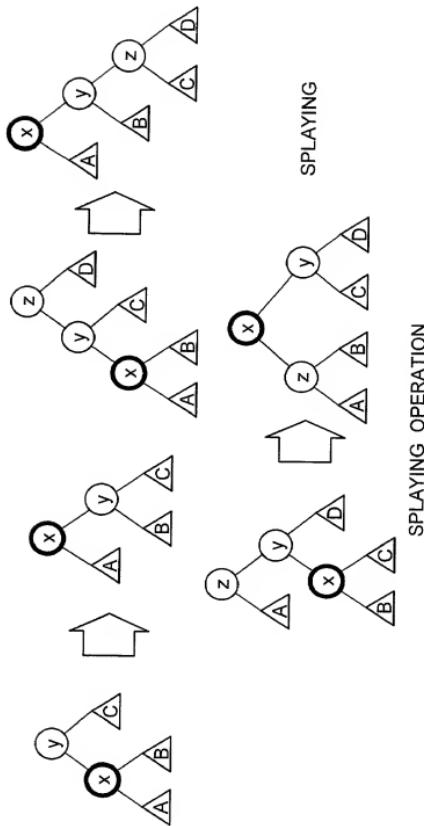
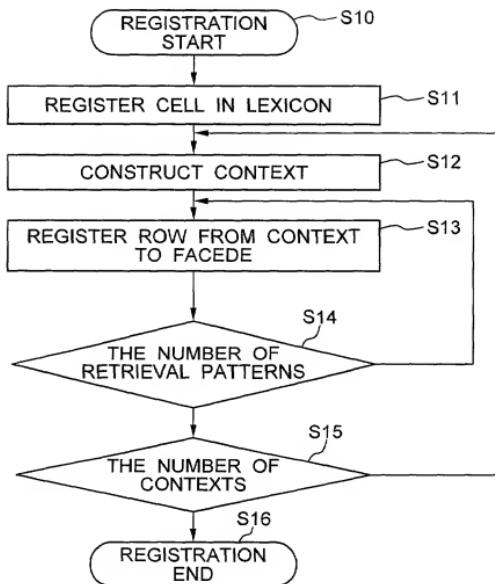


FIG. 9



REGISTRATION OF CONTEXT IN FACADE : FLOWCHART

FIG. 10

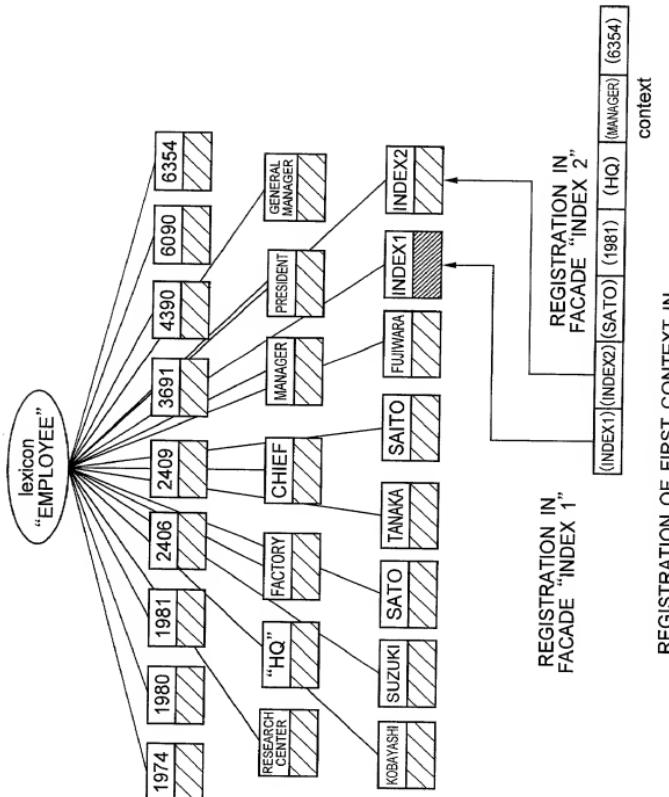
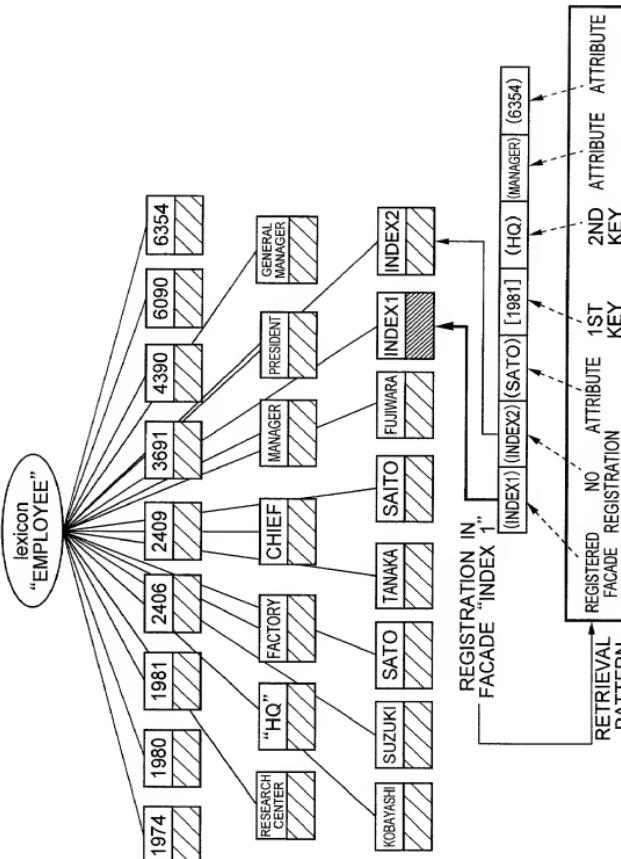
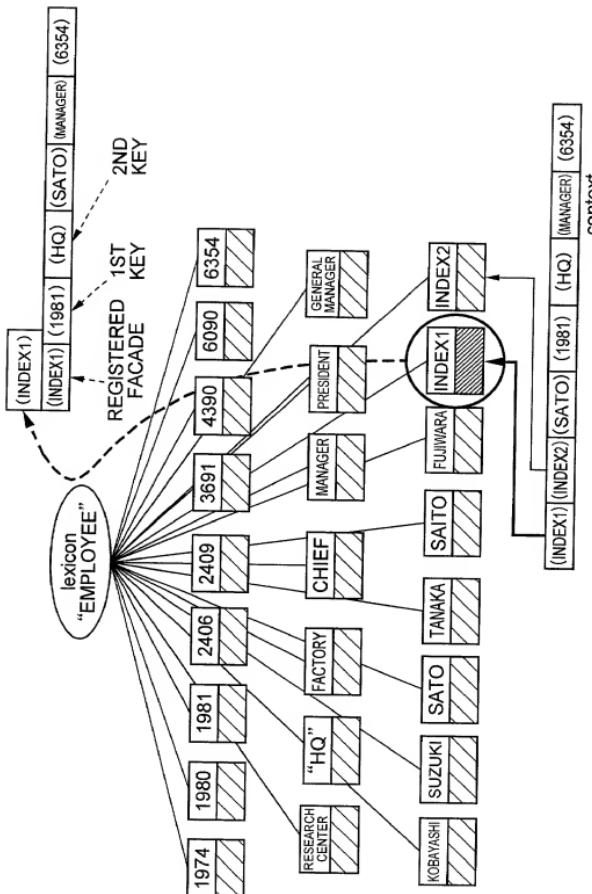


FIG. 11



DESIGNATION OF RETRIEVAL KEY FOR REGISTRATION OF FIRST CONTEXT IN FACADE "INDEX 1"

FIG. 12



FACADE "INDEX 1" IN WHICH FIRST CONTEXT HAS
 BEEN REGISTERED

FIG. 13

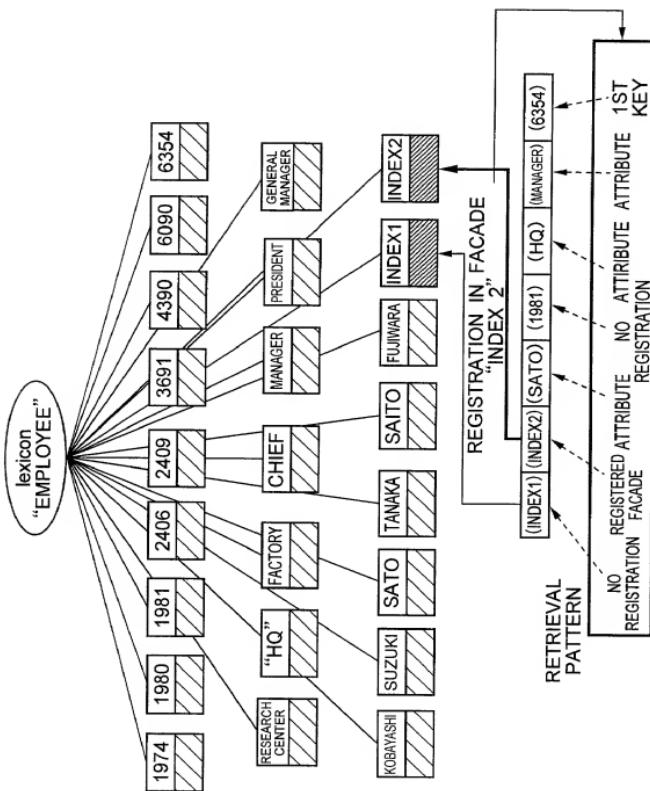
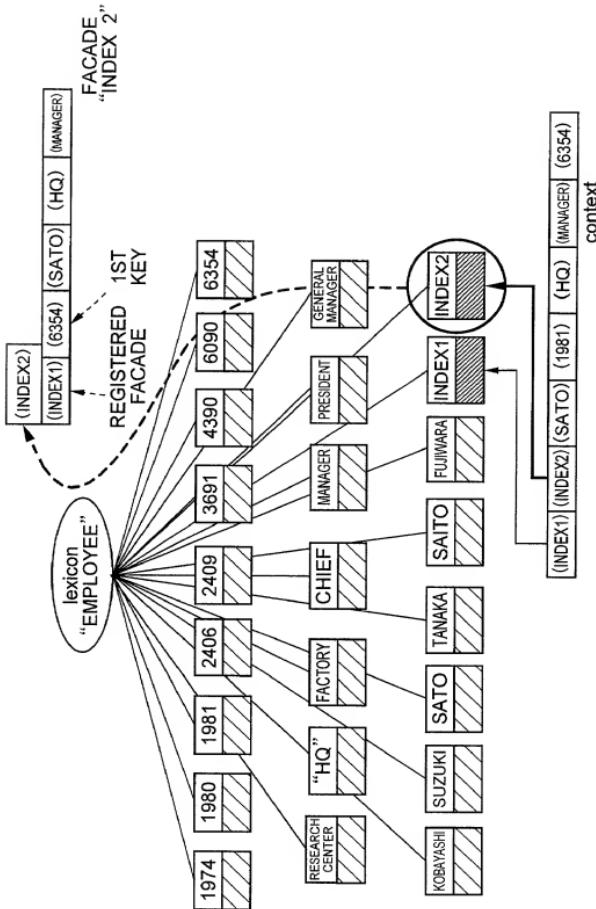


FIG. 14



FACADE "INDEX 2" IN WHICH FIRST CONTEXT HAS BEEN REGISTERED

FIG. 15

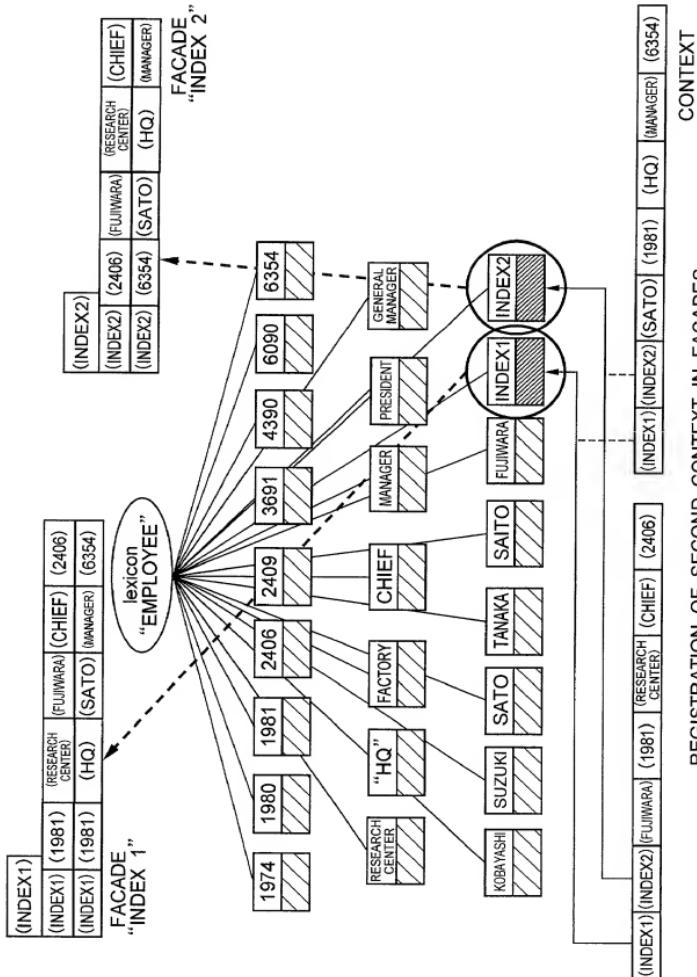
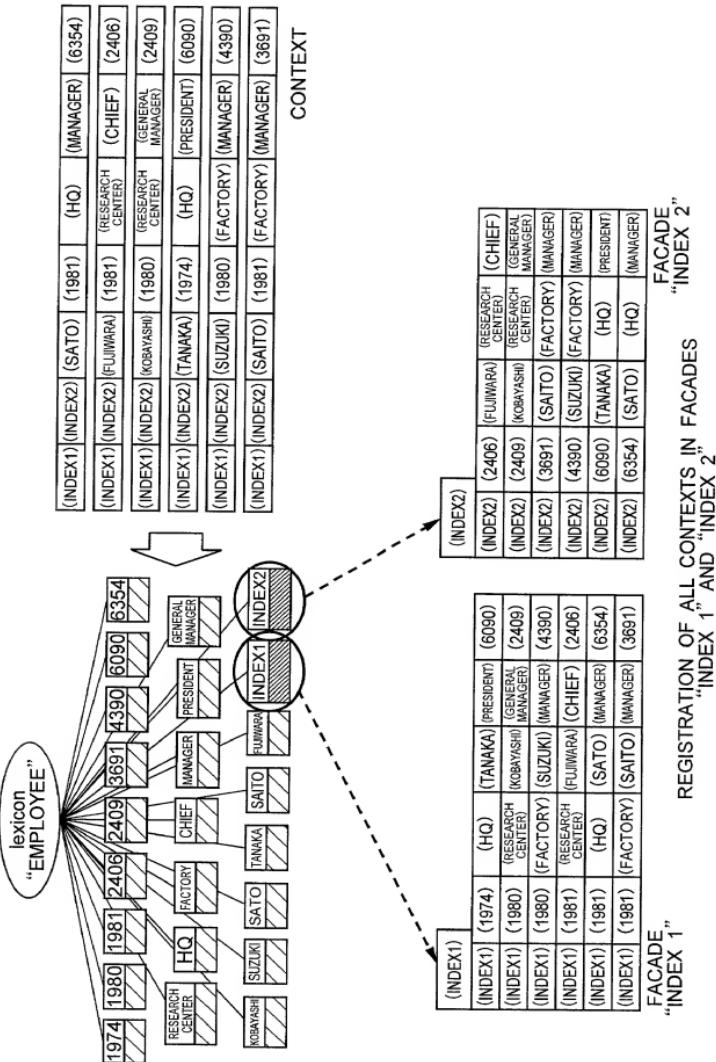


FIG. 16



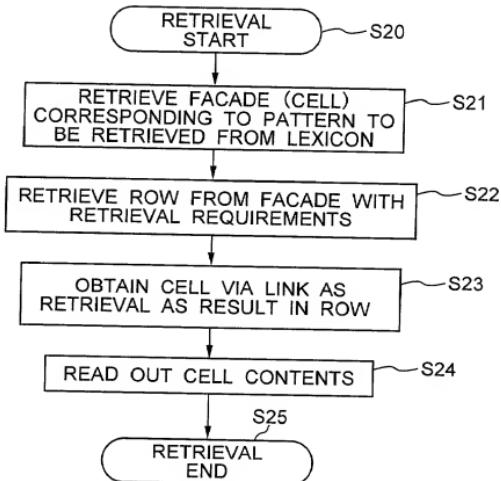
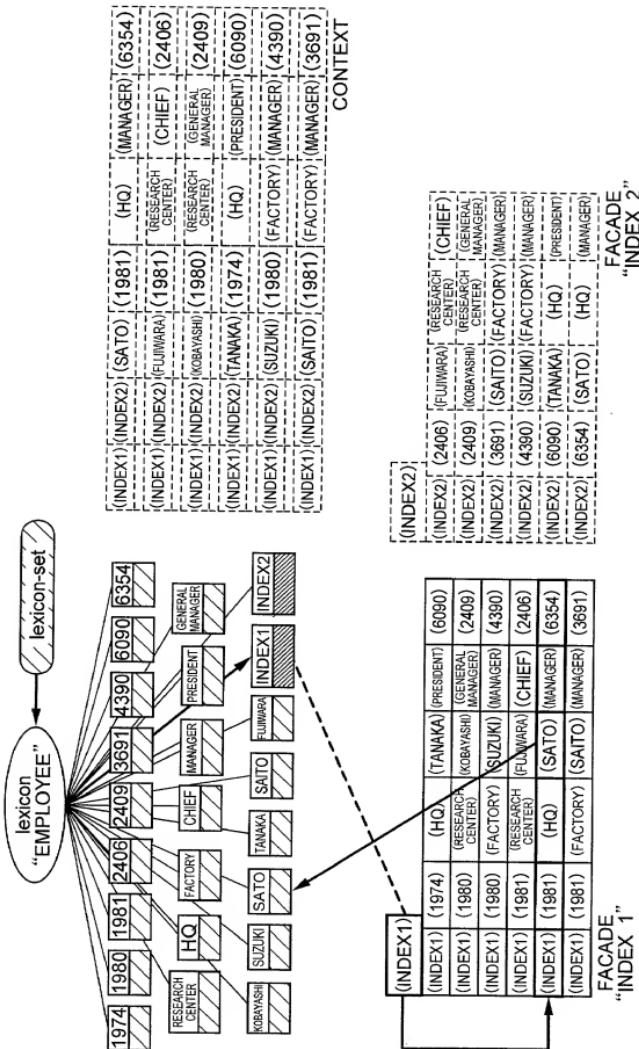


FIG. 18



RETRIEVAL PROCESSING BY DATA MANAGEMENT SYSTEM

FIG. 19

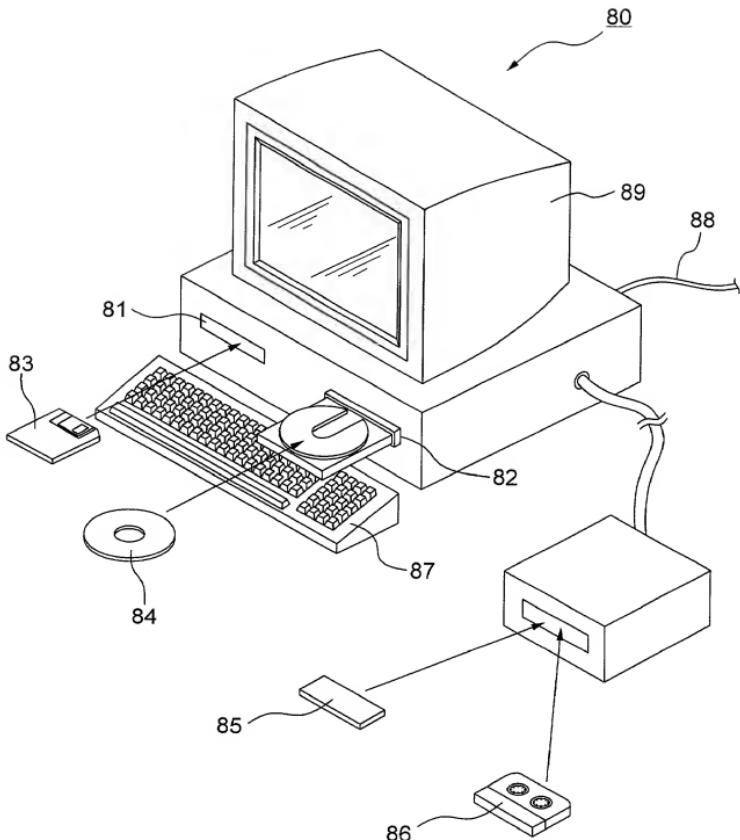


FIG. 20

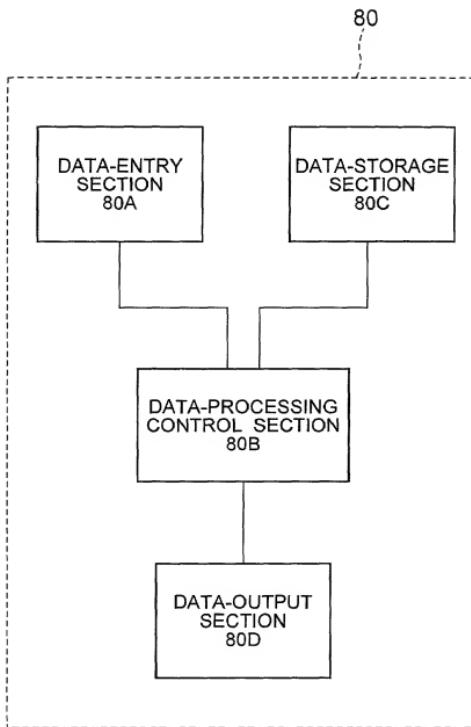


FIG. 21

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FAMILY NAME	YEAR OF COMPANY ENTRANCE	CURRENT DEPARTMENT	POST	EXTENSION
SATO	1981	HQ	MANAGER	6354
FUJIWARA	1981	RESEARCH CENTER	CHIEF	2406
KOBAYASHI	1980	RESEARCH CENTER	GENERAL MANAGER	2409
TANAKA	1974	HQ	PRESIDENT	6090
SUZUKI	1980	FACTORY	MANAGER	4390
SAITO	1981	FACTORY	MANAGER	3691

FIG. 22

FAMILY NAME	YEAR OF COMPANY ENTRANCE	CURRENT DEPARTMENT	POST	EXTENSION	
SATO	1981	HQ	MANAGER	6354	
FUJIWARA	1981	RESEARCH CENTER	CHIEF	2406	
KOBAYASHI	1980	RESEARCH CENTER	GENERAL MANAGER	2409	
TANAKA	1974	HQ	PRESIDENT	6090	
SUZUKI	1980	FACTORY	MANAGER	4390	
SAITO	1981	FACTORY	MANAGER	3691	2406

FIG. 23

((INDEX1)) ((INDEX2)) (SAITO) (1981) (FACTORY) (MANAGER) (3691) (2406) ((INDEX2))

FIG. 24

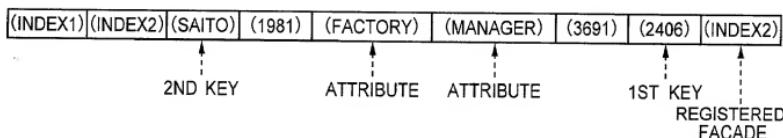


FIG. 25

(INDEX2) (2406) (SAITO) (FACTORY) (MANAGER)

FIG. 26

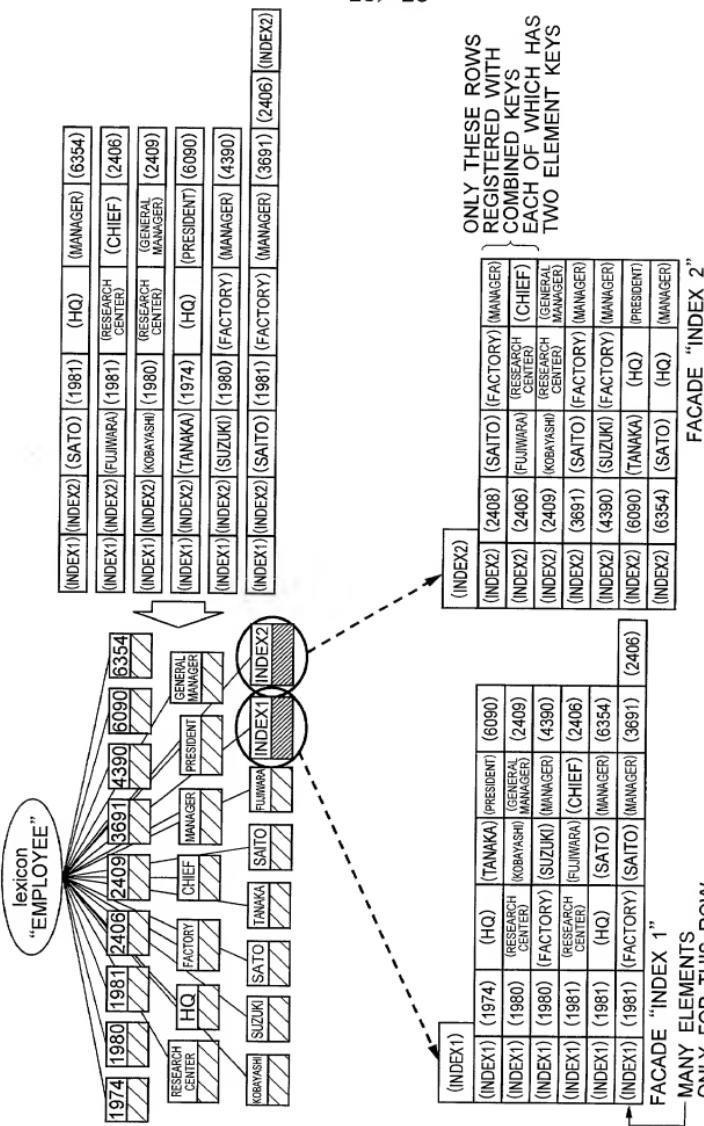


FIG. 27

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FAMILY NAME	YEAR OF COMPANY ENTRANCE	CURRENT DEPARTMENT	POST	EXTENSION
SATO	1981	HQ	MANAGER	6354
FUJIWARA	1981	RESEARCH CENTER	CHIEF	2406
KOBAYASHI	1980	RESEARCH CENTER	GENERAL MANAGER	2409
TANAKA	1974	HQ	PRESIDENT	6090
SUZUKI	1980	FACTORY	MANAGER	4390

FIG. 28

FAMILY NAME	YEAR OF COMPANY ENTRANCE	CURRENT DEPARTMENT	POST	EXTENSION
SAITO	1981	FACTORY	MANAGER	3691 2406

FIG. 29

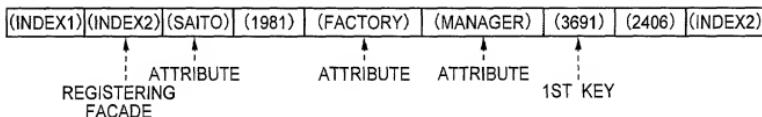


FIG. 30

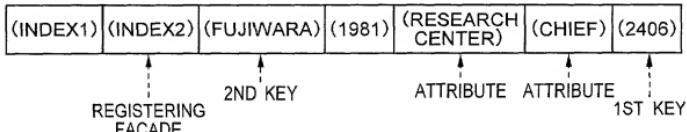


FIG. 31

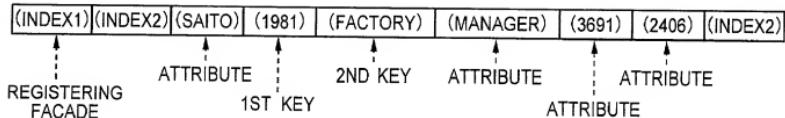


FIG. 32

(INDEX2)				
(INDEX2)	(2409)	(KOBYASHI)	(RESEARCH CENTER)	(GENERAL MANAGER)
(INDEX2)	(2409)	(SAITO)	(FACTORY)	(MANAGER)
(INDEX2)	(2409)	(FUJIWARA)	(RESEARCH CENTER)	(CHIEF)
(INDEX2)	(3691)	(SAITO)	(FACTORY)	(MANAGER)
(INDEX2)	(4390)	(SUZUKI)	(FACTORY)	(MANAGER)
(INDEX2)	(6090)	(TANAKA)	(HQ)	(PRESIDENT)
(INDEX2)	(6354)	(SATO)	(HQ)	(MANAGER)

FIG. 33